

GTFL:SEC:2022

BSE Limited

Corporate Relationship Department, New Trading Ring, Rotunda Building, P. J. Towers, Dalal Street, Fort, Mumbai 400001.

(Company code: 509557)

National Stock Exchange of India Ltd.

Exchange Plaza, Plot No. C/1, 'G' Block,

Bandra-Kurla Complex,

Bandra East, Mumbai 400051.

(Symbol: GARFIBRES, Series: EQ)

Sub:- Disclosure under Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015

Dear Sirs,

Pursuant to the aforesaid Regulations, please find below the schedule of investor / analyst meeting / conference to be held as under.

Schedule of the Investor / Analyst Meet / Conference:

Date	Particulars of Investor / Event	Mode of Meeting
November 29, 2022	Group Meetings	Physical and / or Virtual
November 30, 2022	APG Asset Management, One-on-One	Physical

Note: The above schedule is subject to change. Changes may happen due to exigencies.

A copy of the investor presentation to be made in the aforesaid meetings is enclosed for your reference and the same is also placed on the Company website i.e., www.garwarefibres.com.

The Company does not intend to discuss any Unpublished Price Sensitive Information during these interactions.

Please acknowledge this communication.

Thanking You,

Yours faithfully.

For GARWARE TECHNICAL FIBRES LIMITED

Sunil Agarwal Company Secretary M. No. FCS6407

Registered Office

Garware Technical Fibres Ltd. (Formerly Garware – Wall Ropes Ltd.): Plot No. 11, Block D-1, M.I.D.C., Chinchwad, Pune 411 019, India. T +91 20 2799 0000/0306 E pune_admin@garwarefibres.com www.garwarefibres.com CIN: L25209MH1976PLC018939

Better Ideas in Action



www.garwarefibres.com

Garware Technical Fibres Limited - At a Glance

- Pioneer in Technical Textiles in India Great Place to Work certified. Top
- Presence in 75 countries
- 5000 + employees
- We produce 80MT per day & 20,000 scientists and 5 Doctorates

SKUs

SKU's

50 companies in India.

Well qualified R&D team of 22

Patents filed in last 5 years









Mission

"To Provide innovative, application focused solutions to enhance value of our customers globally"





Our Four Pillars of Value

Ownership

Own the process of delivering results with Entrepreneur ial Spirit & Joy of working in an Empowering Environment

Improve

Continuously
Improve our
Products &
Services to
become
preferred
Partner of our
Customers

Bond

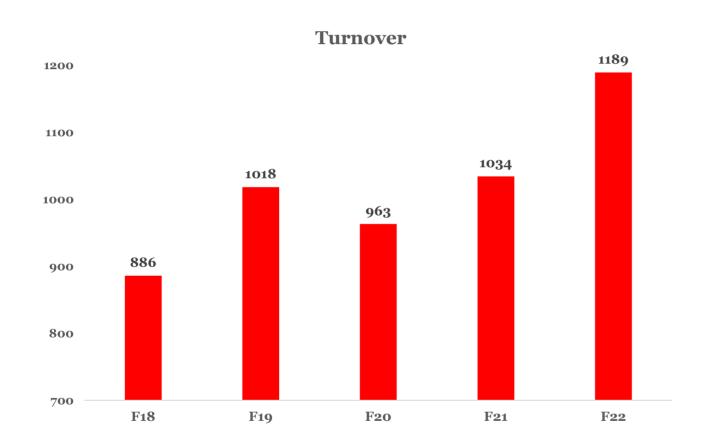
Enhance our Family Bond with the Employees & Business Partners through Fair & Equitable dealings

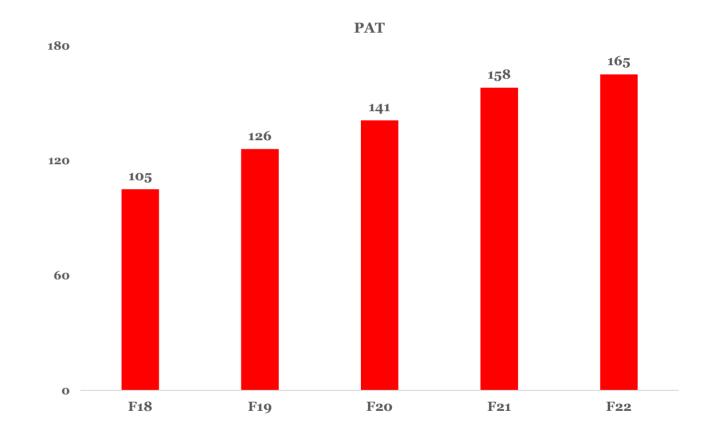
Enhance

Enhance Stake Holder Value through Profitable Growth in Sales and Earnings



GTFL Financials Rs Crs.











Manufacturing facility at Pune

Pune manufacturing facility conforms to ISO 9000:2015 standards and boasts state-of-the-art machinery

Products

Ropes Rope Articles PPMF Yarns PPMF Twines Geo Textiles Metal Gabions Cargo Nets Gangway Nets





Manufacturing facility at Wai is the largest unit in India and spread across 40 acres

Wai manufacturing facility conforms to ISO 9000:2015 and ISO 14001:2015 standards and boasts state-of-the-art machinery

Products

Aquaculture Cage Nets Plateena (Dyneema) Fishing Nets & Twines Net Assembly Sports & Adventure Nets Safety Nets Agricultural Nets Coated Fabrics





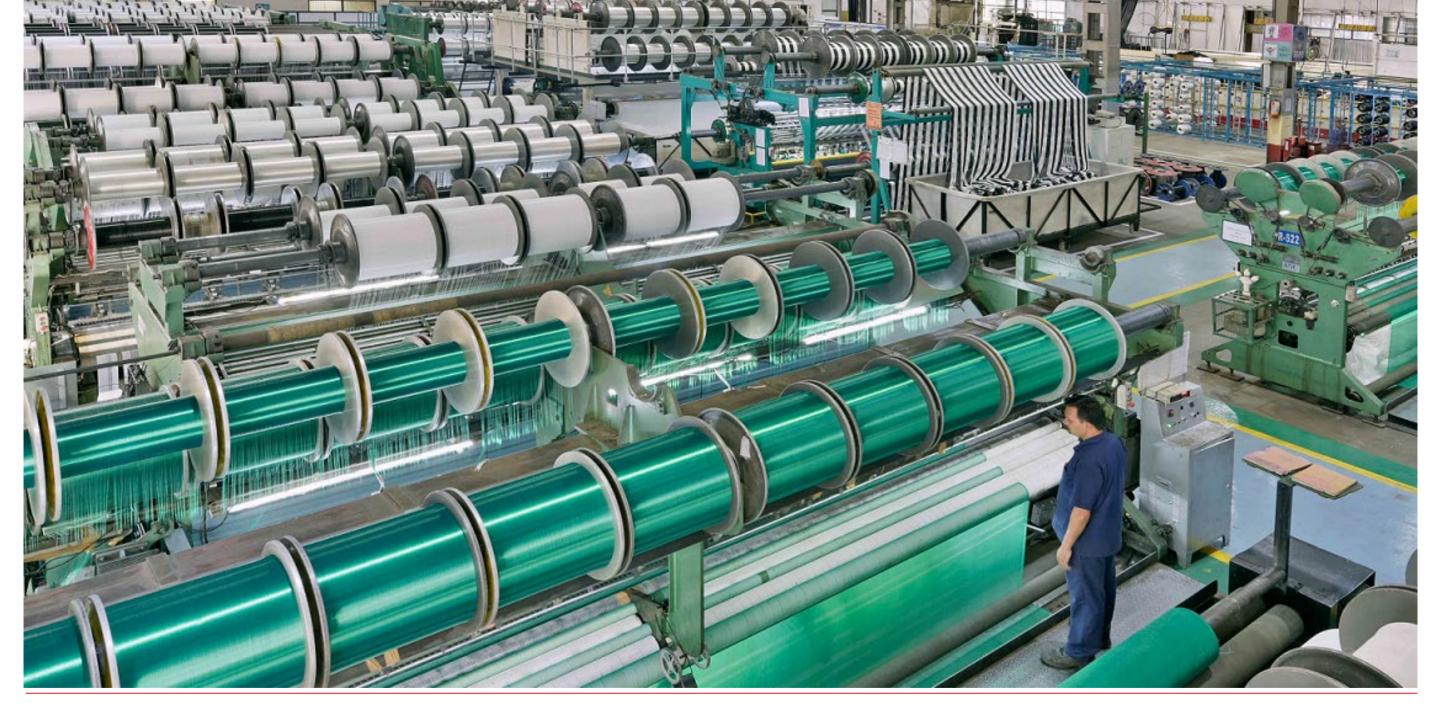


Wai Facility



Extrusion





Knotless Netting

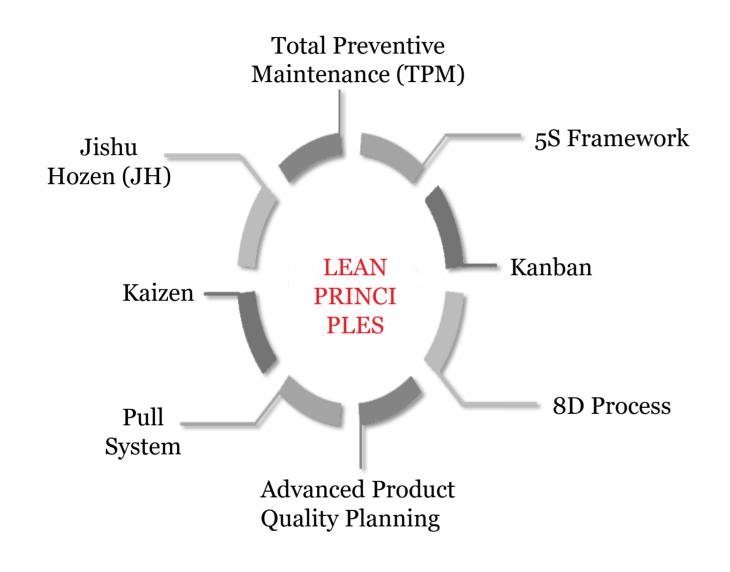




Netloft



GTFL's Strong Focus on Manufacturing Excellence



Silver award – India Green Manuf. Certification Challenge

IRIM'S GREEN MANUFACTURING FRAMEWORK **INPUT HUMAN OPERATIONS PRODUCTS** Workforce Health and Safety Non-Renewable Content Water Conservation Product Safety Energy Optimization Employee Training, Restricted Substances Green Innovation Development and Welfare GHG Intensity Environmental Community Support and Care Reused/Recycled Content Land Management Impact during Use Pollution Control Environmental Impact at Disposal



GTFL

Application Areas

Our Innovative, Application focused Solutions Portfolio...



Fisheries

- Fully assembled Trawls
- Purse Seine Nets
- Gill Nets
- Dole Nets
- Pelagic Nets
- Ropes & Twines



Aquaculture

- Cage Nets
- Predator protection Nets
- Anti Bird Nets
- Mooring System
- Sea Lice Solutions



Shipping & IPD

- 8 Strand Shipping Ropes
- 3 Strand Industrial Ropes
- Specialty Ropes
- 12 Strand Ropes
- Safety Nets
- Cargo Nets
- Braided Ropes
- •Rope Articles

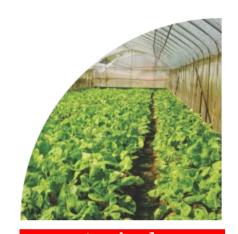


Sports

- Tennis Nets
- Volley Ball Nets
- Basket Ball Nets
- Ski Nets
- Cricket Nets
- Badminton Nets
- Golf Practice Nets
- Soccer Nets
- Batting Cages
- Handball Nets



Our Innovative, Application focused Solutions Portfolio...



Agriculture

- Anti Bird Nets
- Anti Hail Nets
- Shade Nets
- Sericulture Nets
- Floriculture Nets
- Insect Nets
- Grape Nets
- Crop Support
- Stacking Cord
- Banana Ropes



Geosynthetics

- Reinforced Soil Structures
- Landfill
- Coastal & River Protection
- Rock fall Protection
- Gabion Walls
- Geosynthetics Lining
- Erosion Control



- Tarpaulins
- Hanger Covers
- Awnings
- Inflatables
- Biogas Covers
- Tents
- Pandals
- Pitch Covers/ Ground Covers



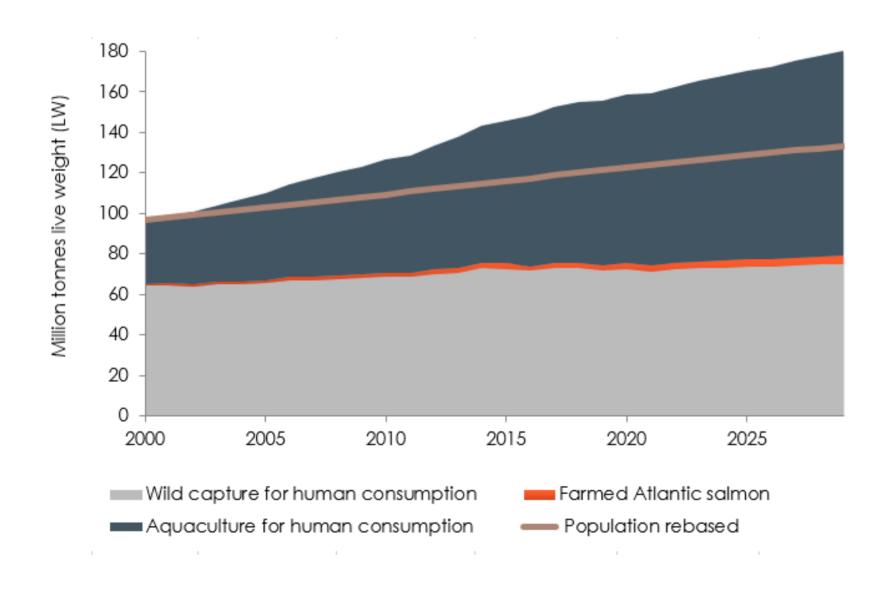
Plateena

- Aquaculture Cage Nets
- Mooring & Towing Ropes
- Trawl Nets
- Purse Seine Nets
- Conductor Cable Pulling
- Hot Line Stringing
- River Cross Cable Pulling

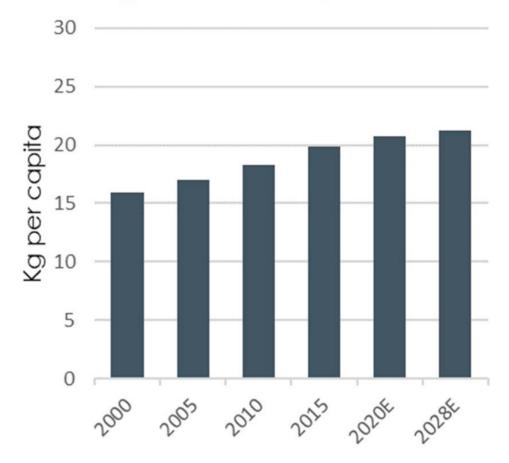




- Growing aquaculture

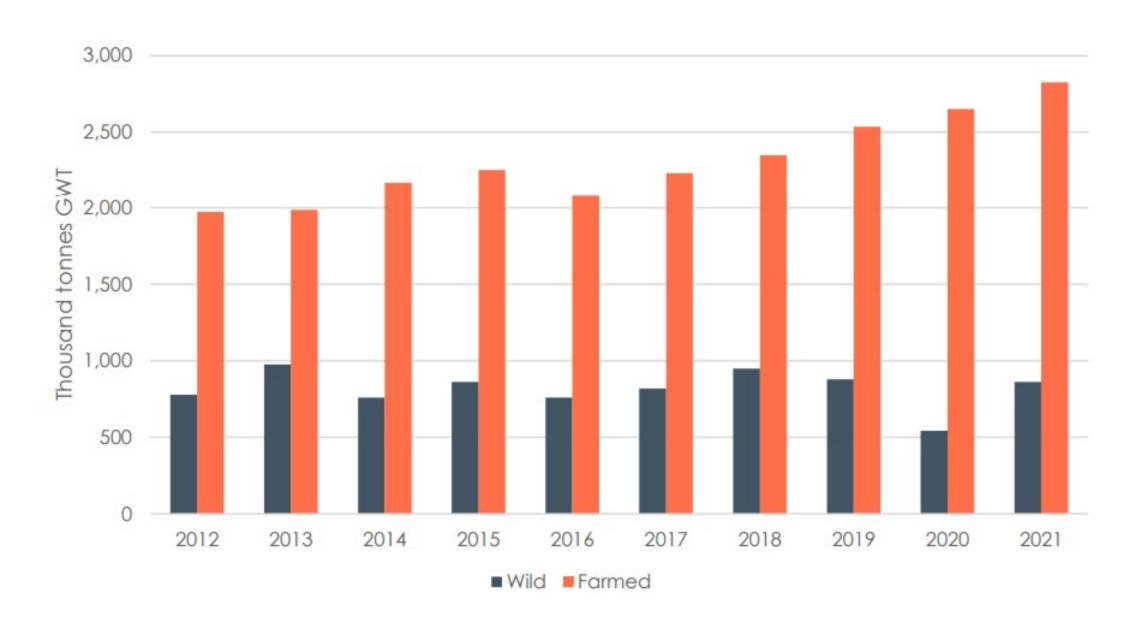


Development of global average fish consumption



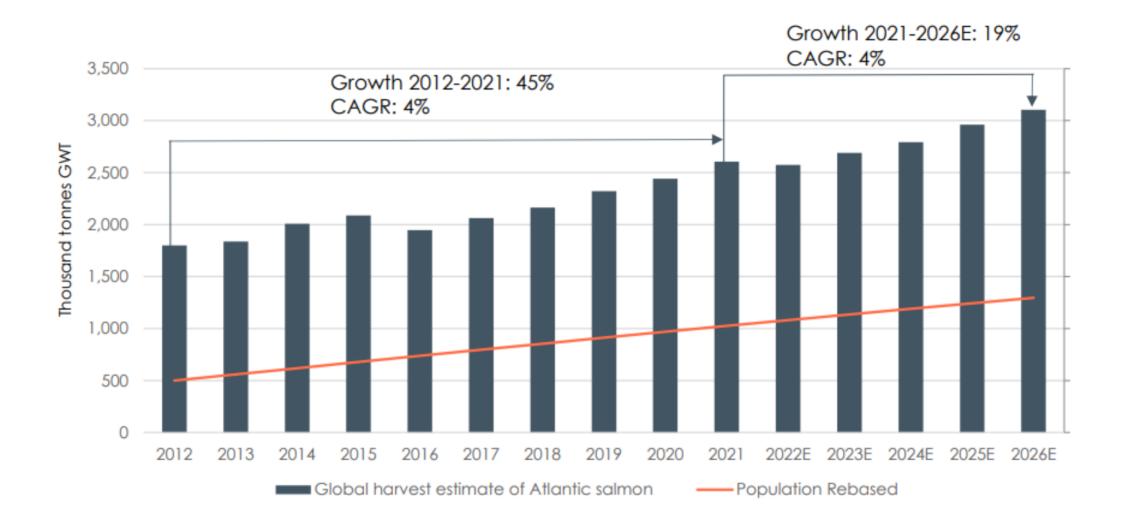


Supply of farmed and wild salmonids





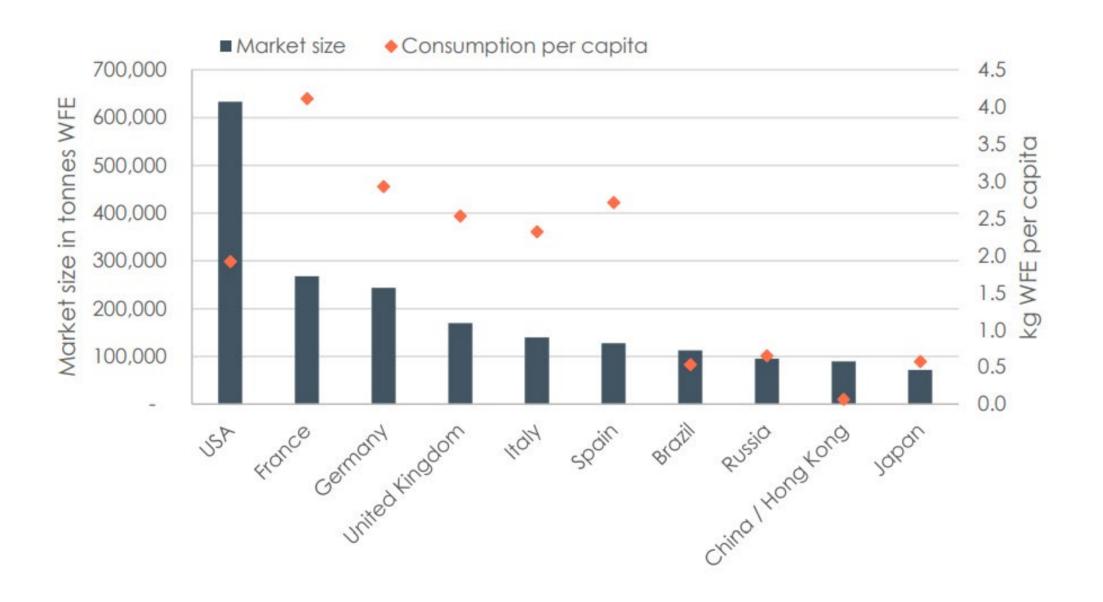
Total harvest of Atlantic salmon 2011-2026E





Global trade flow of farmed Atlantic Salmon

6.3 Top 10 markets by size (2021E)





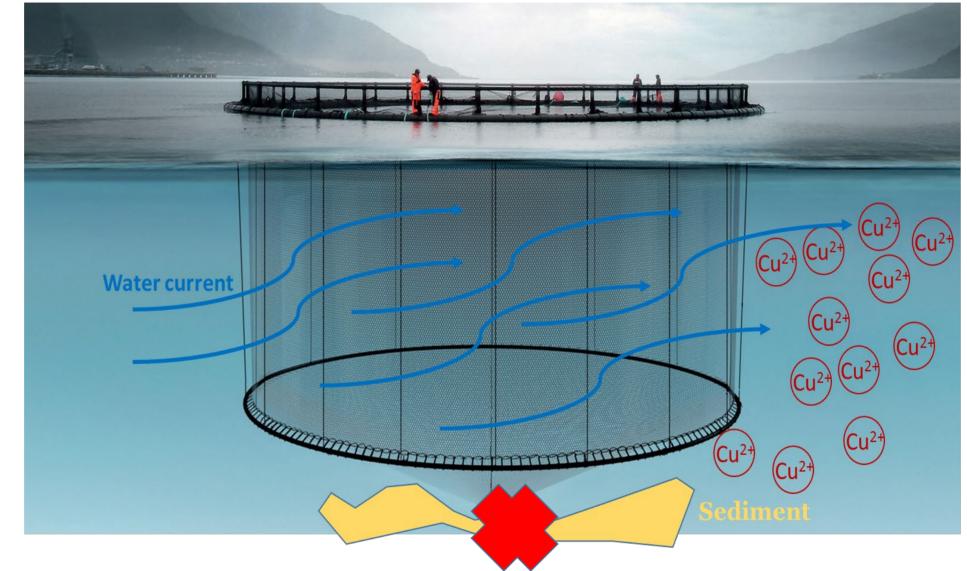
North America - Atlantic Salmon Consumption At 1 million tonnes WFE by 2030 ? 1200000 Est. + 5 % p.a. 1000000 Est. + 5 % p.a. 800 000 Tonnes WFE + 5 % p.a. 600 000 400 000 200 000 2005 2010 2015 2020E 2025 proj 2030 proj



Better Ideas in Action

V2 Update

Key Challenges – Bio Fouling and Copper Sedimentation



TOP
Challenges in Aquaculture

- Causing an annual release of more than 1000 Tons of copper into Norwegian waters alone.
- This is added with current high cost of cleaning operation during the production cycle.
- Frequent net cleaning causes loss of appetite leading to reduced biomass growth GARWARE

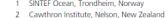
Estimated Annual release of 1000 Tons Copper from AF coating in Norwegian Waters

1000 Tons/year of copper released in Norwegian Waters

Net cleaning can inflict substantial damage on net coatings (Fig. 1d). Pressure-washing can remove up to 30% of the coating during the first cleaning event (Bloecher et al. 2019) and, together with leaching, results in up to 85% loss of the coating during a single service life, causing an annual release of more than 1000 tonnes of copper into Norwegian waters alone (Skarbøvik et al. 2017). While net cleaning per

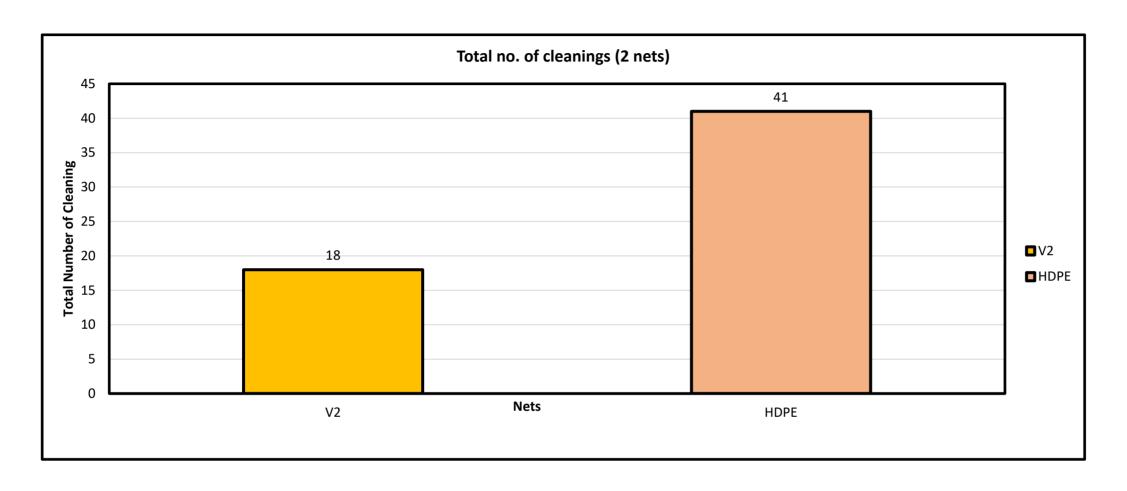
Towards cost-effective biofouling management in salmon aquaculture: a strategic outlook

Nina Bloecher 1 (D) and Oliver Floer 1,2 (D)





Total Number of Insitu cleaning for V2 vs HDPE nets -Norway Site



Cleanings saved due to V2 nets ~ 60 % -

Cost per cleaning~ NOK 20 000,-Total savings in 5,5 months 23 x 20 000,- = NOK 460 000,-

Savings per net <u>for half year in high season</u> NOK 230 000,-Payback ~ 1 production cycle



V2 Nets – Reduction in Cleaning – Norway Experience

Currently under Trial in Norway

30% - 40% reduction in cleaning

(mainly based on photos)

Represent significant savings

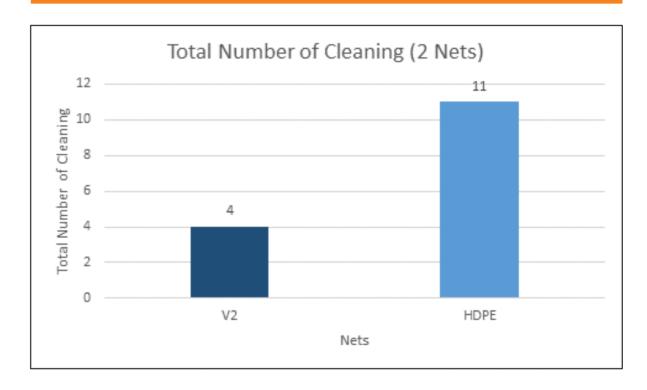


V2- Cage results – Canada (Customer 1)

Marsh Bay Site – Dec 2021 discussion and update

- In water since June 2021
- Cleaning done : Control HDPE -11 times, V2 Nets – 4 times
- Last cleaning done: 28th Oct

CANADA: June 21 to Jan22



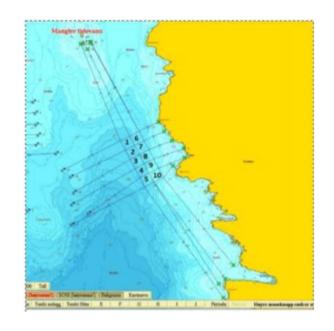
Feedback from customer is positive on the V2 nets usage and performance



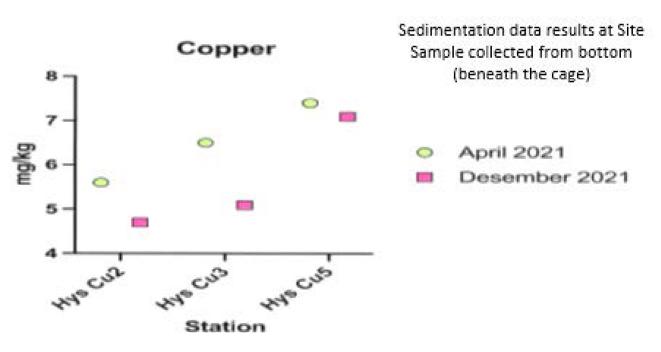
SUSTAINABLE HDPE CAGE NET SOLUTION FOR AQUA FARMING – V2 NETS

Reduction in Sedimentation

One of the key benefits of V2 nets is reduction in sedimentation at the farm site. STIM AS conducted tests on V2 nets to evaluate the sedimentation at a farm site installed with V2 nets.









Better Ideas in Action

New Development –

Predator Cage Solutions

Sapphire -CFR



TUNA Attacks – GTFL's Solution – Sapphire CFR



250 kg bluefin tuna caught in fish cage:

News by Stian Olsen

News by Ashek Berge: 5 September 2021

News by Ashek Berge: 5 September 2021

News by Ashek Berge: 5 September 2021

bluefin tuna caucht in calman salmon cages.

Bluefin tuna attacks Mowi salmon cages.

ENUKIT salmon salmon salmon cages.



Lerøy technician poses with ENORMOUS tuna that was trapped in salmon cage

News by Aslak Berge - 29 August 2019

300-kilo 'invader' hits Hebridean salmon farm

News by Aslak Berge - 30 October 2017

Workers on a Marine Harvest Scotland site off the Hebridean island of Colonsay could hardly believe their eyes when a three-meter-long Pacific Blue Fin Tuna appeared in one of their pens.



Sapphire CFR Nets* – New age Predator Net

Suitable for both type of designs (Umbrella and Straight)

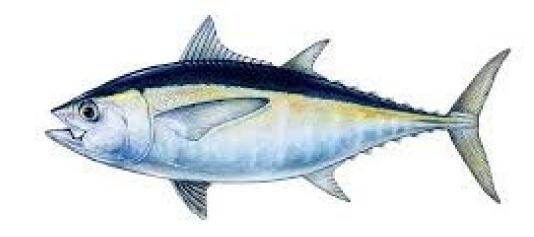
8-10% higher stiffness than Sapphire Ultra Core MBX

30% higher Cut Resistance than Sapphire Ultra Core MBX

Ease of handling – 10 to 15% reduced weight for same Strength



Tuna fish experiment

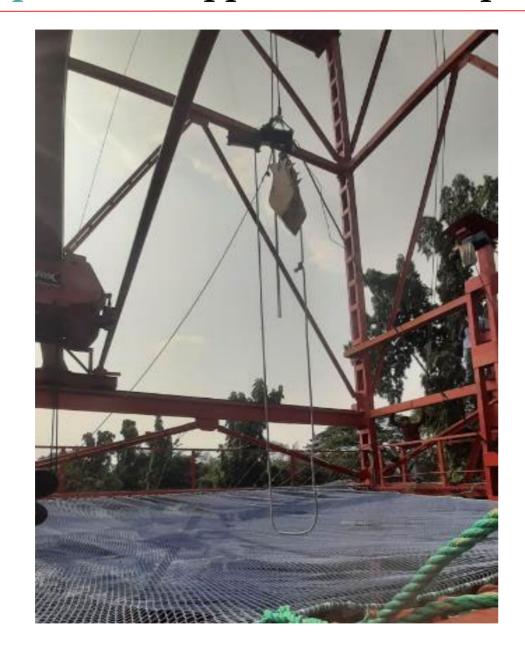


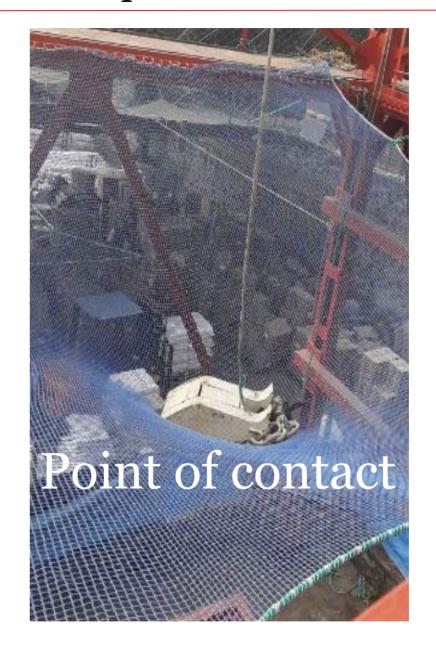






New Development - Sapphire CFR - Experiment of Impact of Tuna Fish





Sapphire – CFR -2.1 mm, MBS: 150 kgf



Sapphire X18



Sapphire X18 – Stiff Predator Net

High Stiffness of netting in its class

Superior Cut resistance

Ease of handling compared to Monofilament Stiff nets

Effective predator control – tried and tested in Chilean waters



Non Salmon Expansion – GTFL's Solution

Expansion in Non Salmon Species – a key agenda for growth

- New customers added in Species like Barramundi, Sea Bass, Sea Bream, Amberjack, Tilapia
- Customers added during last 1 year in
 - Mexico
 - Panama
 - Indonesia
 - Turkey
 - Srilanka, Singapore and Brunei



Better Ideas in Action

Sports Nets



www.garwarefibres.com

Sports Nets business of GTFL

- GTFL has been awarded with the platinum award for the highest exporter of sports goods from India by Sports Goods Export Promotion Council (SGEPC) sponsored by the ministry of Commerce and Industry, Government of India for consecutive 3 years FY 17-18 to FY 19-20
- GTFL is one of the largest Global Supplier of all varieties of sports nets
- GTFL is a supplier to all the major distributors in USA, UK, Netherlands, Italy, Germany, Australia to name a few.
- GTFL is synonymous with superior quality and our sports nets are of the highest grade

Sports Nets business of GTFL

- The sports nets business has seen a CAGR of 20% in Sales Value for last 5 years
- Under the sports portfolio, we provide around 50 different products
- Our range of sports nets confirms to all international standards and is used in various tournaments
- GTFL holds the major market share in the tennis nets and baseball netting segment in the US
- GTFL holds the major market share in the soccer nets segment in UK



TENNIS







BASEBALL FRAMES



GTFL
Marine Fisheries
&
Agriculture

Challenges in Domestic Marine Fisheries

- Rising fuel costs/ fuel consumption
- Less fish catch & low quality fish catches



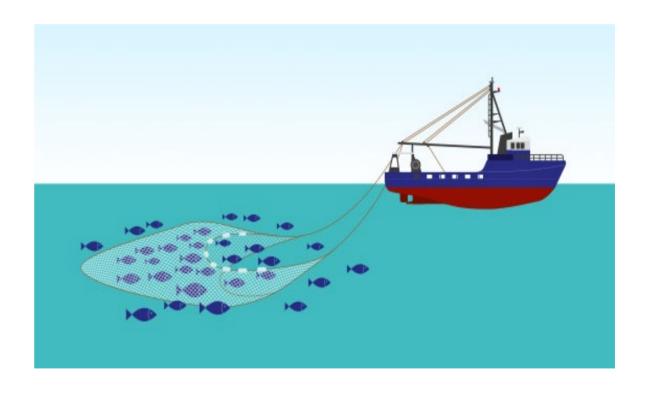


Rising fuel prices- BIG concern in trawling

Trawl fishing operational expenses are as below

- ☐ Fuel cost is almost 65-70% in trawl fishing
- ☐ Approx 20% increase has already happened since last year

Fuel	64%
Fishing Gear	6%
Food & Misc	5%
Ice	3%
Boat Maintenance	3%
Crew Remuneration	16%
Oil/Lubricants	1%
Miscellaneous	2%
	100%





Paradigm shift

VP Route:

- Annual cost
- Benefits (Additional fish catches & Fuel saving)
- Pay back period

Products & services Pains Pains Pains Pains

Customer Profile

Value Proposition



Key Benefits to customers

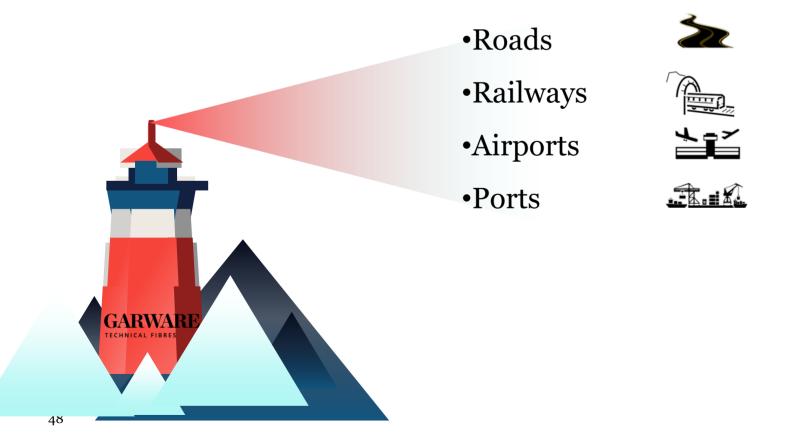
Key Benefits	Impact
Incremental (vertical) mouth	Leads to higher fish catches (More coverage to water column
opening of Trawl	vertically)
High speed	Cover more fishing ground w- leads to incremental fish
	catches
Fuel saving	Trawls being lighter and stable trawl geometry while fishing-
	leads to fuel saving
Improved abrasion resistance	leads to lower wear and tear to trawls, specially during
	bottom trawl fishing applications.
Low/Uniform & controlled	keeps maintaining the trawl geometry while fishing and
elongation in bridles application	reduce chances of fishing at halts/ no fishing



GTFL Geo-synthetics Business

Geosynthetics – A Brief Overview

Geosynthetics are polymer-based materials used in infrastructure solutions for environmental friendliness and lower overall cost





Rockfall Protection works for a project in state of Jharkand



Coastal Protection works for a project in State of Gujarat

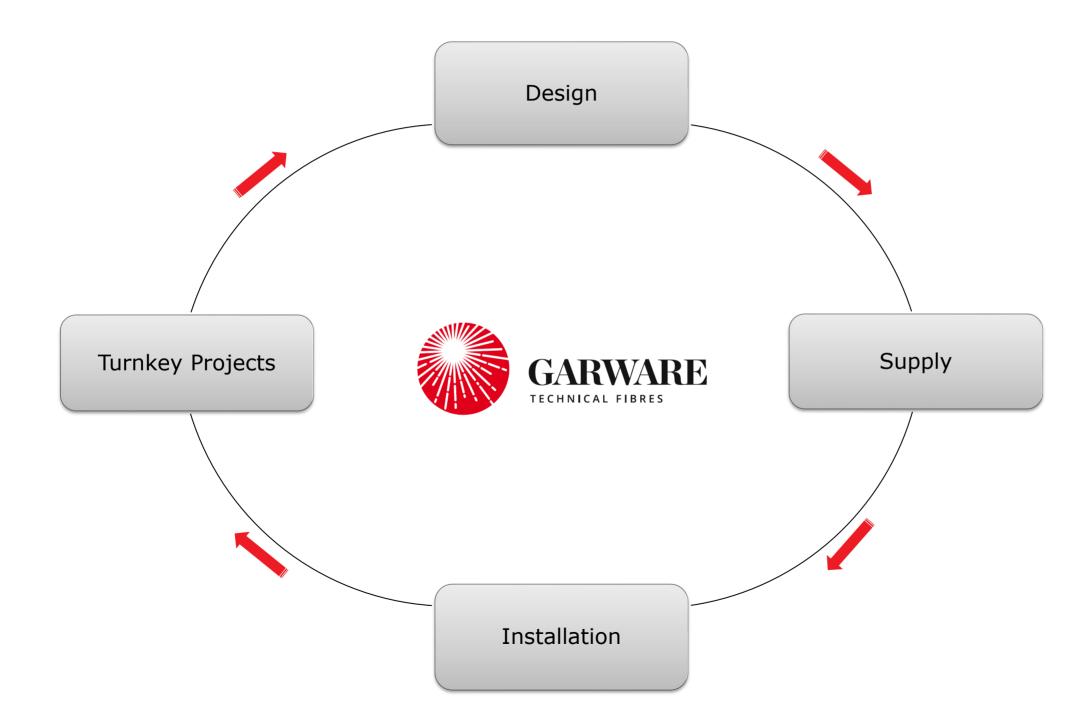


Geosynthetics - Benefits





Geosynthetics – Business Model

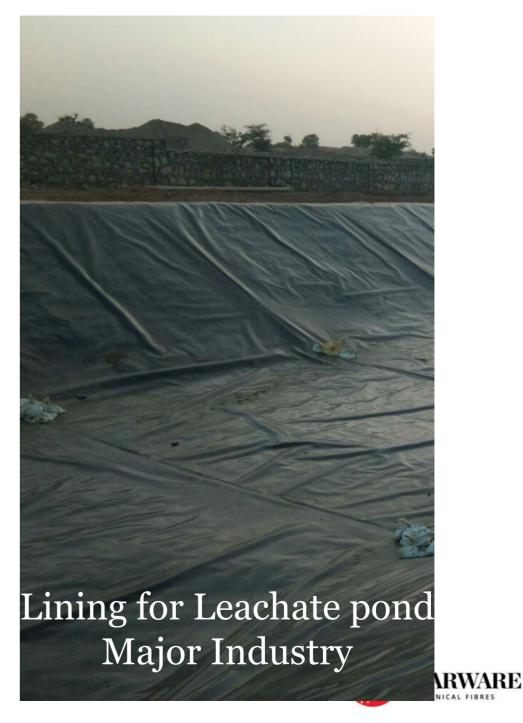




Focused Applications – Domestic Markets







Future - Rockfall Protection and Erosion control

- Out of a total allocation of Rs 110 L Cr by the Central Government under the National Infrastructure Pipeline from 2020 2025, Roads & Highways share is Rs 20 L Cr. And Railways is Rs 14 L Cr.
- There is an increasing awareness of the need to protect roads from disasters like rock fall / landslides, etc that impact the safety of the road users. Nowadays, Clients like NHAI, NHIDCL, etc. which are the owners of these highways do not give completion certificates to Contractors unless the safety aspects are taken care of by them.
- Limitations of land availability along highways means that Clients have to depend on modern and innovative techniques for stabilization
- Additionally, there are separate tenders that are being floated specifically to cater to safety aspects of Roads & Highways
- With road safety gaining importance, this is a key driver for the GEO business wherein the business model of design+ supply+ installation positions Garware as a single stop source for solutions.
- New products developed by the R&D team also add to the innovativeness of solutions proposed by Garware



Future - Rockfall Protection and Erosion control

- There is a similar momentum in Railways for protection of running as well as new tracks.
- GTFL Geo division has been a joint patent holder with Railways for some time for rock fall solutions and we have further enhanced those solutions with newer developments.
- This is one of our core sectors and demand is growing well.
- Garware's solution for erosion control are currently being tried out on a major project, with a good scope for penetration across the country, once the project is completed successfully.



Future – Landfills & Linings

- Landfills are increasingly being recognized as the most viable alternative for disposal of solid waste. Garware is well positioned as a reliable turnkey solution provider for industrial waste landfills.
- The key driver for industrial waste landfills is industrial production and mining. As industrial production and mining increases, so also the waste to be disposed of according to environmental norms
- Proactive legislation on this front along with stiff penalties on erring industries are also a key driver for growth of the landfill business
- Ability to provide a reliable high quality turnkey solution from design to implementation adds value to the client.



GTFL GEO Export Product Offerings



WOVEN & FABRIC FORMS
Highways & Coastal Protection Works





➤ AQUAROCK BAGS

Coastal & River Training Works



> ROCGUARD® WITH EARLY WARNING SYSTEMS
Rock-fall Protection Works





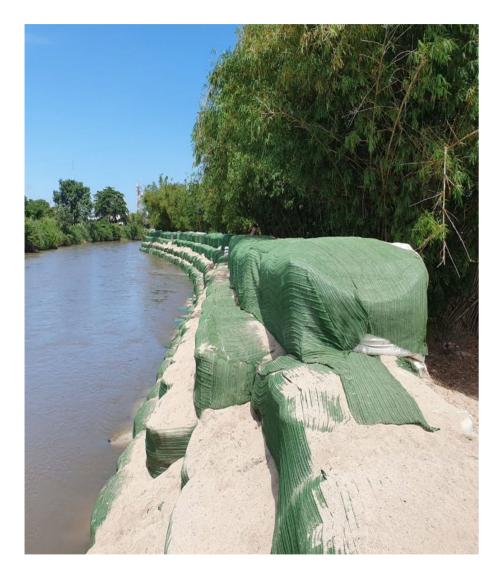
➤ GARMAT SUPREME

Erosion Control Works





Focused Applications – Exports



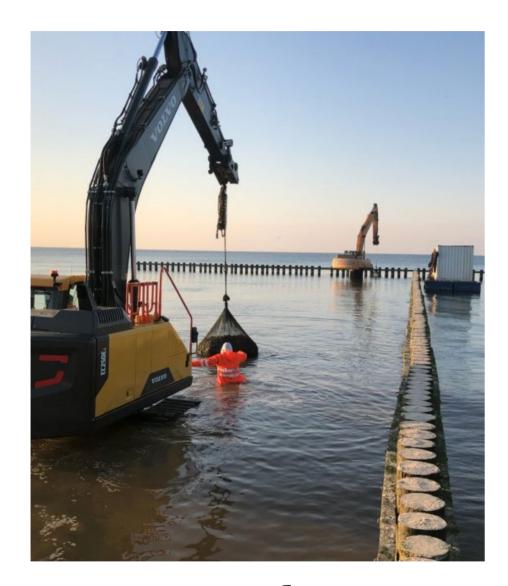
Fabric Forms (Geo-containers)For River Training Works
Colombia



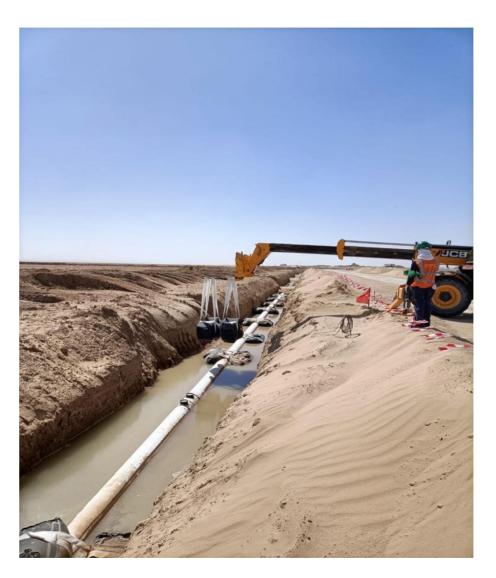
Rockfall Protection
For Geohazard Mitigation
Philippines



Focused Applications – Exports



Aqua Rock Bags
For Coastal Protection Works
Poland



Fabric Forms (Saddle Bags)
For Pipeline Protection Works
Oman



Future – Exports

- Global Market Size 10-12 Bn USD, Growing at 9% CAGR y-o-y
- Complete supply value chain needed for Geo-synthetic manufacturing is available in India
- With China+1 sentiment in global supply chain India is well poised to become second manufacturing hub for the Word
- GTFL is exporting to US, France, Germany, Poland, UK, Colombia, Oman, Philippines,
 Singapore, Thailand, Australia



Experienced Management Team



Mr. Vayu R Garware **Chairman & Managing Director**

- Graduate from Wharton Business School, USA
- Dynamic & Aggressive Leader



Mr. Shujaul Rehman **Chief Executive Officer**

- Over two decades of experience in FMCG sector
- Strategic thinker and an aggressive marketer



Mr. Mukesh Surana Chief Financial Officer

- •Over 2 decades of global experience in the entire gamut of finance, accounts, taxation, commercial and information technology
- •Experience in the fields of Business strategy, M & A, Investor relations, Overseas operations and cross border structures

Experienced Management Team



Mr. Vivek Kulkarni **President–Operations**

- •More than 30 years of valuable experience in manufacturing
- •An expert in operations and operational excellence



Mr. Ravendra Mishra **Head-Human Capital**

More than 25 years of experience in operations & HRM
An administrator par excellence with strong management skills



Better Ideas in Action

Thank You

INDIA • USA • UK • CANADA • AUSTRAILA • CHILE • NORWAY

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